

Meeting minutes of the Engineering Student Technology Committee (ESTC)

Meeting: November 16, 2015

4:30 p.m. in Scott 203 Board Room

In attendance: Zachary Bodmer (CBE), Daniel Dauwe (ECE, Chair), Professor Emily Fischer (ATS), Arunachalam Lakshminarayanan (ME), Peter Marinescu (ATS), Chaz Myers (CE), Professor Peter Nelson (CE), Erik Nielsen (ATS), Kelley Wittmeyer (ENS, ex officio)

Not in attendance: Elaheh Alizadeh (CBE), Abdullah BaGais (CBE), Sean Brustuen (CE), Jordyn Dahlke (ME), Kristine Fischenich (SBME), Professor Patrick Fitzhorn (ME), Professor Brian Munsky (CBE), Brad Reichel (CE), Professor Sourajeet Roy (ECE), Professor Tom Siller (ADAA, ex officio), Aaron Smull (ECE)

Guests: Angie Branson (ENS), CJ Keist (ENS)

Approval of meeting minutes (11/2/15)

The meeting minutes from 11/2/15 were approved.

Announcements

- A representative from UTFAB will be coming to the next ESTC meeting to discuss a proposal from the ASCSU about standardizing printing across all colleges on campus
- College of Engineering Technology Committee (CETC) needed a second student representative from the ESTC, Lakshminarayanan offered to fill this position
 - The next CETC meeting will be Friday December 4th from 9:00-10:00am, in Scott 203

Proposal

- Emergency Exhaust fan proposal: CJ Keist was in attendance to answer questions from the previous meeting about the emergency server fan proposal. Questions from the last meeting were:
 - If the ESTC is funding 50% is this including both equipment and labor? Keist said that the entire cost for the equipment and installation will be split between ESTC funds and college funds.
 - How often do power outages/AC failures occur? Keist explained that the AC failures occur when there are extreme temperatures, either very hot or very cold. This is not a failure of the power system in the building, but a flaw in the design of the AC system serving the data center. The current equipment in the data center is only at a tiny fraction of the capacity of the room and this causes sensor issues with the AC system.
 - Why wouldn't the backup generator provide enough time to cool the server room with regular AC in the event of a power failure? Keist explained that the backup generator will solve power-related issues as the AC is on the backup generator, but this is not the issue that would be addressed by the emergency fan.
 - The committee discussed the proposal after Keist left and approved the granting of the funds for the installation of the emergency fan. Dauwe will notify Keist of the approval.

Internet Cafe Redesign

There was much discussion of the Internet Café redesign, including a recap of the history leading to the redesign efforts and the search for funding last year. The departments were receptive to the redesign, but could not commit funding at the time. The issue lies in the fact that the ESTC cannot use CFT funds to make facilities improvements and much of what needs to be done in

this space would be facilities improvements. The committee had some questions that Wittmeyer would take back to Dan Herrick to get clarification on. As a whole, the committee was unsure how or if to proceed with efforts to move forward on a redesign. There will be further discussion at the next meeting.